

What is claimed is:

1. A method for the management of persons at risk of complications of arterial occlusive disease comprising evaluating a population of persons to identify those persons potentially at risk of complications of arterial occlusive disease, examining those persons evaluated potentially at risk of complications of arterial occlusive disease, classifying those persons determined to be at risk of complications of arterial occlusive disease, treating those persons classified at risk of complications of arterial occlusive disease and monitoring those persons treated for arterial occlusive disease to determine prognosis and efficacy of treatment.
1. 2. The management method of Claim 1 wherein those persons classified as potentially at risk of complications of arterial occlusive disease are referred for noninvasive vascular evaluation.
1. 3. The management method of Claim 2 wherein patient data sets are compared against the predetermined set of disease specific criteria to provide a preliminary classification of those persons potentially at risk and those persons not at risk of developing complications of arterial occlusive disease.
1. 4. The management method of Claim 2 wherein the results of the individual noninvasive vascular evaluations are reviewed for final classification of the person or patient as at risk or not at risk.
1. 5. The management method of Claim 4 further comprising assessing by vascular surgical to determine if revascularization is necessary and to

- 3 identify those persons or patients as clinical indication for operation or
4 indication for no operation.
- 1 6. The management method of Claim 5 wherein persons or patients
2 assessed as no indication for operation are monitored with increased
3 precautions for detection of any deterioration dictating reassessment.
- 1 7. The management method of Claim 6 wherein when a no indication for
2 operation person or patient develops ulcers, pain and/or gangrene, the
3 person or patient is referred to the vascular surgery facility for
4 reassessment for a no indication for operation and clinical indication for
5 operation for reevaluation and appropriate medical procedure and
6 regimen.
- 1 8. The management method of Claim 5 wherein the persons or patients
2 assessed as clinical indication for operation are informed of the
3 assessment, the person or patient electing either revascularization and
4 periodic evaluation or routine wound care and periodic revaluation.
- 1 9. The management method of Claim 8 wherein the persons or patients
2 are monitored with increased precaution for detection of deterioration
3 dictating reassessment.
- 1 10. The management method of Claim 9 wherein the persons or patients
2 are reassessed for revascularization when medically dictated.

- 1 11. The management method of Claim 2 wherein routine care and
2 precautions is administered to not at risk persons or patients without
3 limb ulcers.
- 1 12. The management method of Claim 11 wherein not at risk persons or
2 patients with ulcers receive routine wound care and periodic
3 reevaluations.
- 1 13. The management method of Claim 8 wherein at risk persons or patients
2 assessed as no indication for operation or operation not elected by
3 patient and clinical indication for operation undergoing or not
4 undergoing revascularization at the vascular surgery facility receive
5 routine wound care and periodic reevaluations with increased
6 precautions at the healthcare facility.
- 1 14. A method for the management of persons at risk of complications of
2 arterial occlusive disease including evaluating a population of persons
3 to identify those persons potentially at risk of complications of arterial
4 occlusive disease, examining those persons evaluated potentially at risk
5 of complications of arterial occlusive disease, classifying those persons
6 determined to be at risk of complications of arterial occlusive disease,
7 treating those persons classified at risk of complications of arterial
8 occlusive disease and monitoring those persons treated for arterial
9 occlusive disease to determine prognosis and efficacy of treatment, said
10 management method comprising a healthcare facility primarily
11 responsible for the care of a population of persons who may include
12 persons at risk of complications of arterial occlusive disease, a

13 management center responsible for management and administration of
14 said method including the preliminary and final classification, a
15 noninvasive vascular facility performing noninvasive vascular
16 evaluations the management center derive data upon which to
17 determines final classification of not at risk or at risk and a vascular
18 surgery facility assessing persons at risk of complications of arterial
19 occlusive disease for vascular surgery or alternative treatment .